

ABSTRACT OF THE DISCLOSURE

A DEVICE FOR MEASURING ELECTROCARDIOGRAM WITH TAPELESS FORMAT WITH AND ITS METHOD

The present invention is relative to a device for measuring electrocardiogram with tapeless format and its method, especially the electrocardiogram measure device which measures electrocardiogram signals via electrodes with flat shape touching with two roots between total four fingers of two hands or electrodes embedded-in thereon only touching with two fingers for two hands, the invention can display the electrocardiogram measured directly without adding any conductive material.

The present invention comprises a shell, shaped as a thin and long cube and having at least one operating panel, the operating panel further comprising at least one button for setting and transferring functions; at least two gelless electrodes with thin foil shape, slightly embedded and fixed in the operating panel and extended and surrounded at least one edge of the shell to a surface opposite to the operating panel; at least one information display, located on the operating panel to display a plurality of measured values; a calculation system, connecting with two gelless electrodes and the information display located in the shell in order to calculate relative electrical information measured from the gelless electrodes and display results on the information display.